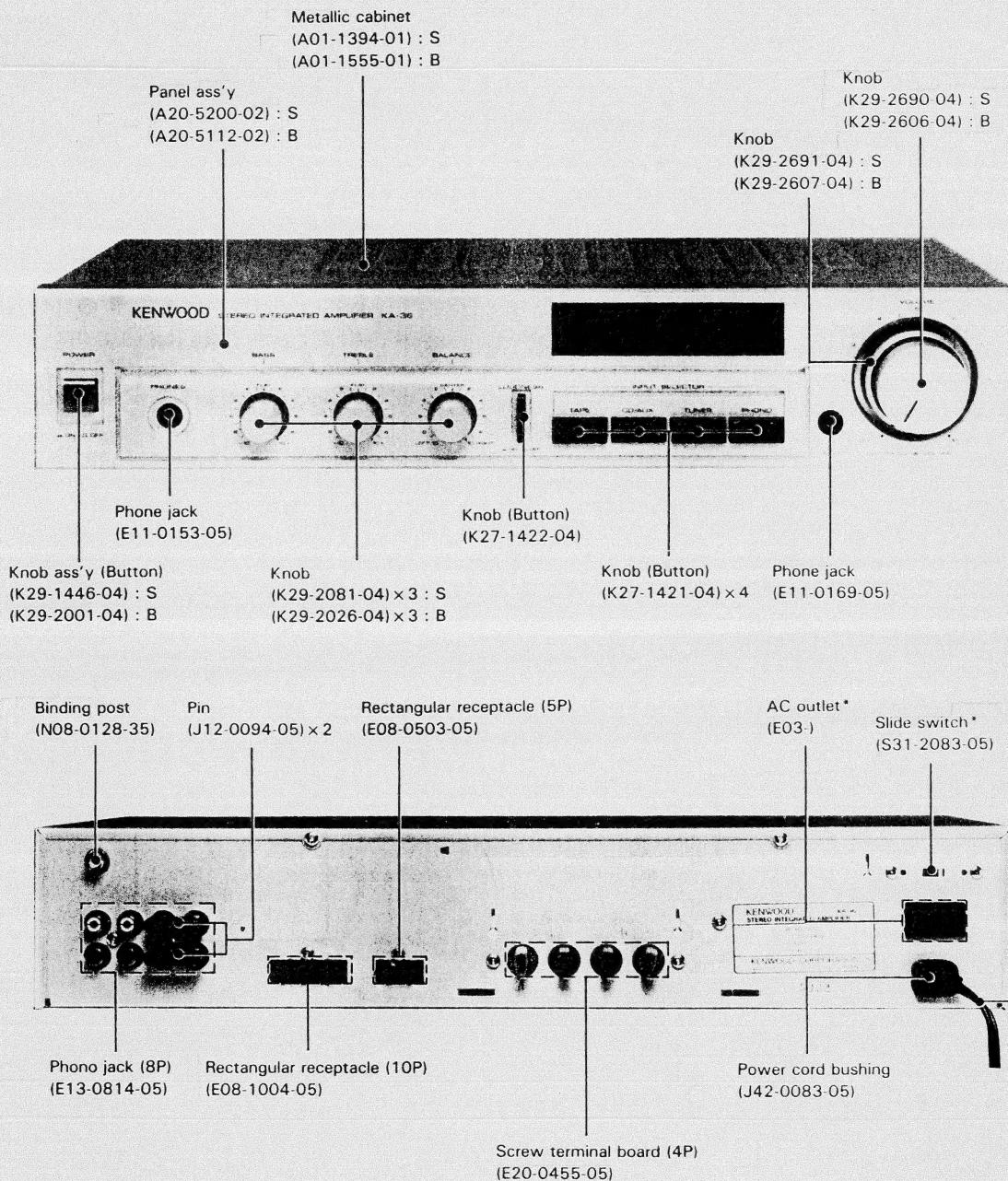


STEREO INTEGRATED AMPLIFIER
KA-36
 SERVICE MANUAL

KENWOOD

©1987-3 PRINTED IN JAPAN
 B51-3199-00(T)1472



Note: When doing service of KT-36, KT-36L, or KX-36W
 be sure to have the customer bring the KA-36 or
 use the DC power supply.

* Refer to parts list on page 14.
 Photo is KA-36 (Silver).
 S: Silver, B: Black.

CONTENTS

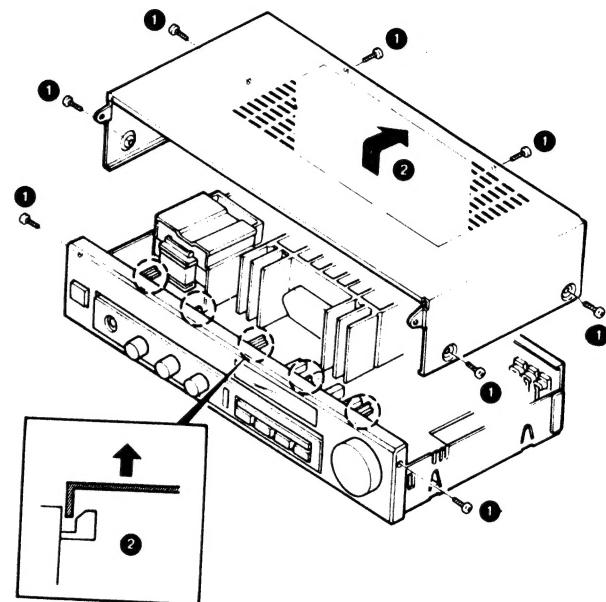
DISASSEMBLY FOR REPAIR.....	2
BLOCK & LEVEL DIAGRAM.....	4
CIRCUIT DESCRIPTION.....	4
P.C. BOARD.....	5
SCHEMATIC DIAGRAM.....	11
EXPLODED VIEW.....	13
PARTS LIST.....	13
SPECIFICATIONS.....	14
Back cover	

DISASSEMBLY FOR REPAIR

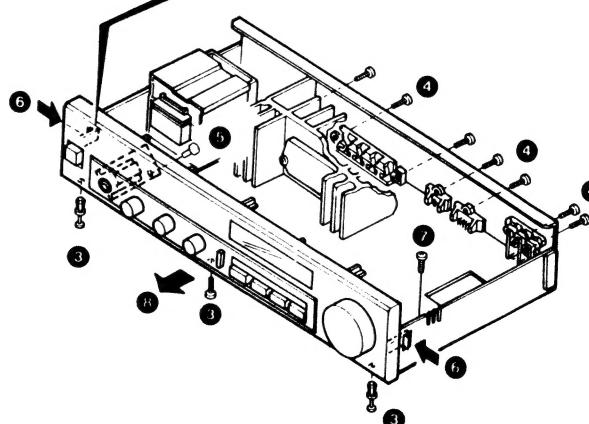
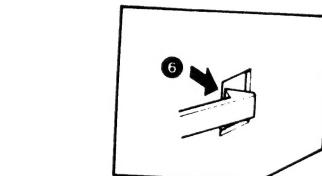
DISASSEMBLY FOR REPAIR

1. Remove 8 screws from the metallic cabinet and lift the metallic cabinet up and slide it rearward (1, 2).

Note: Be aware that the metallic cabinet is hooked to the projections on the panel.

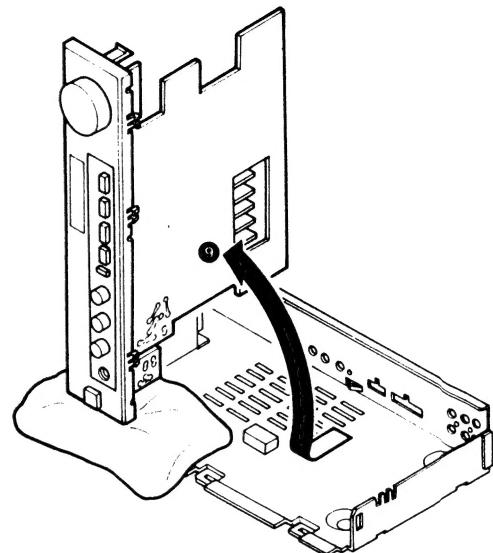


2. Remove 1 screw and two push rivets at the bottom of the panel (3) and 7 screws at the rear panel (4).
3. Remove 1 screw retaining the phone jack pcb (5).
4. Push the pawls at both sides of the panel and release from the hole (6).
5. Remove 1 screw at the pcb (7).
6. The panel with pc boards attached, can be pulled frontward (8).

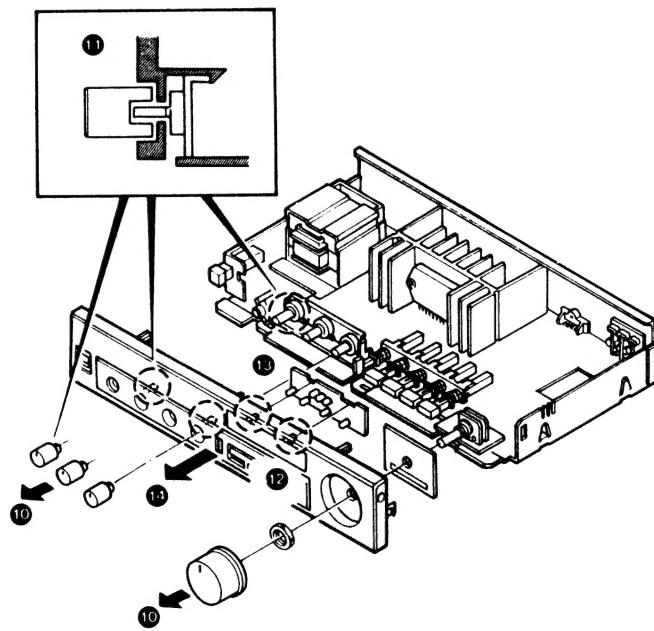


DISASSEMBLY FOR REPAIR

6. Place a cloth, or something equivalent to avoid damages to the side of the panel.
7. Turn the panel to the upright position and place the pc board on the rear panel as shown (9).

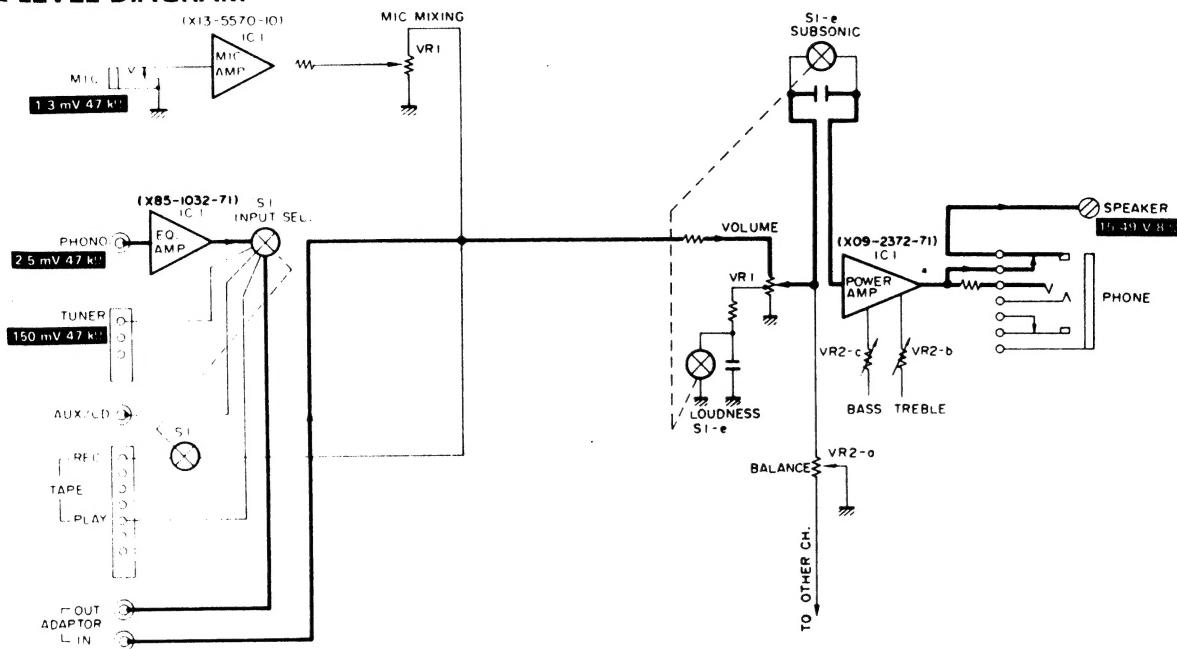


8. Pull off BASS, TREBLE, BALANCE and VOLUME knobs (10).
9. Release the hook on the rear side of the panel from the potentiometer mounting hardware (11).
10. Remove the hexagonal nut from the VOLUME potentiometer (12) and release the hook from the LED pc board (13).
11. Pull the panel frontward (14).



BLOCK & LEVEL DIAGRAM/CIRCUIT DESCRIPTION

BLOCK & LEVEL DIAGRAM



DESCRIPTION OF COMPONENTS

Audio unit (X09-2372-71)

Component	Application/function	Operation/condition/compatibility
IC1	Power amplifier	
Q1	AVR	Compatible with 2SC2167 or 2SD330 (Required insulation plate and insulating bushing when attaching).
Q2	Discharge EQ power supply when power OFF	Compatible with 2SC2320 (E, F).
Q3	Muting when power ON/OFF	
D1-4, 6	Various kinds display	
D8-11	Rectifier	
D12	Rectifier for external power supply	
D16	Rectifier for LEDs	Compatible with DSM1A1 or W06B.
D17-19	Muting control when power ON/OFF	
D20	AVR for external power supply	Compatible with RD16E (B2), RD16J (B2), RD16JS (B2).
D21, 22	EQ and MIC AVR	Compatible with RD15E (B), RD15J (B), RD15JS (B).
D23	Muting control when power ON/OFF	Compatible with 1S2076A.

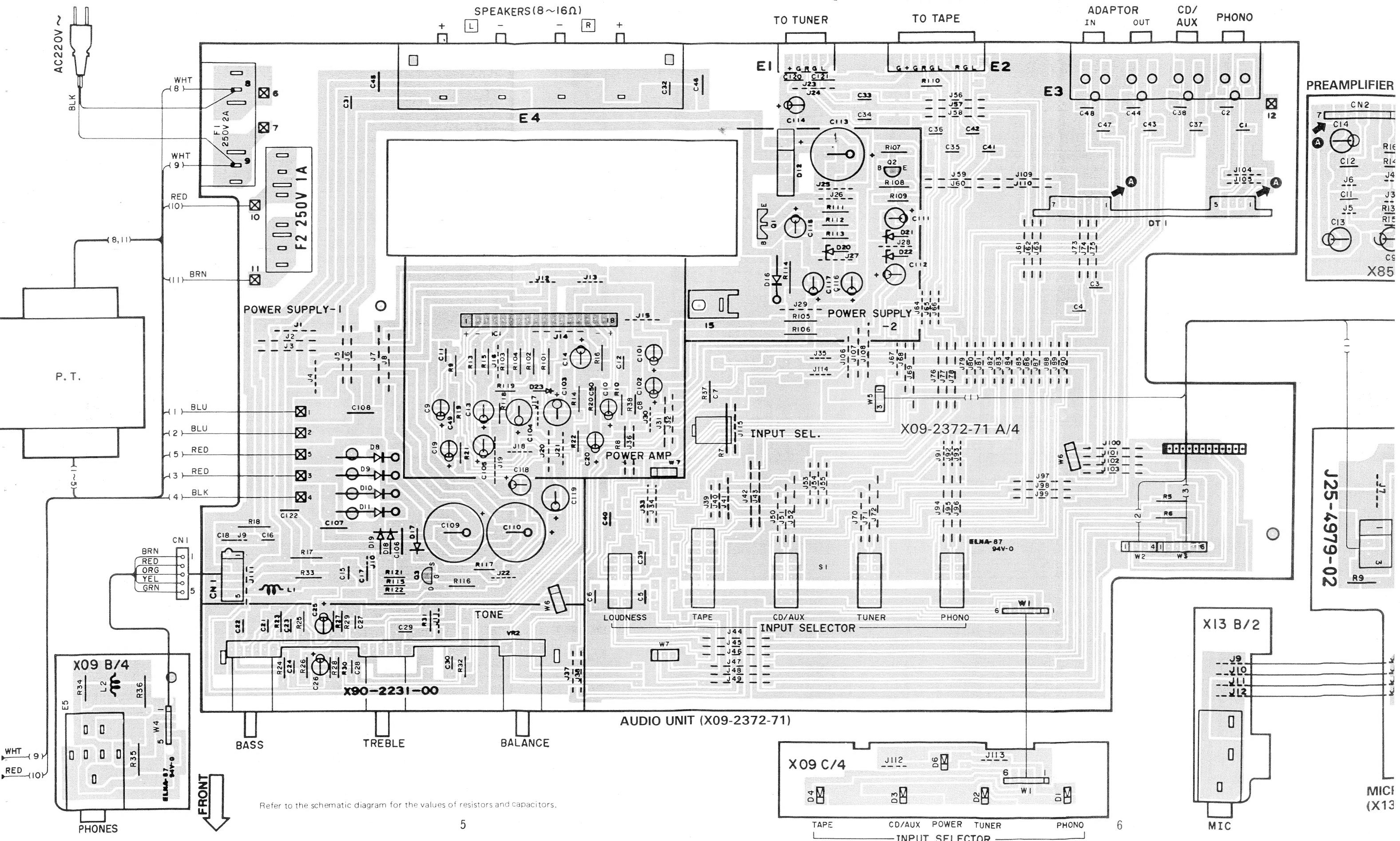
EQ amp unit (X85-1032-71)

Component	Application/function	Operation/condition/compatibility
IC1	EQ amplifier	For Phono.

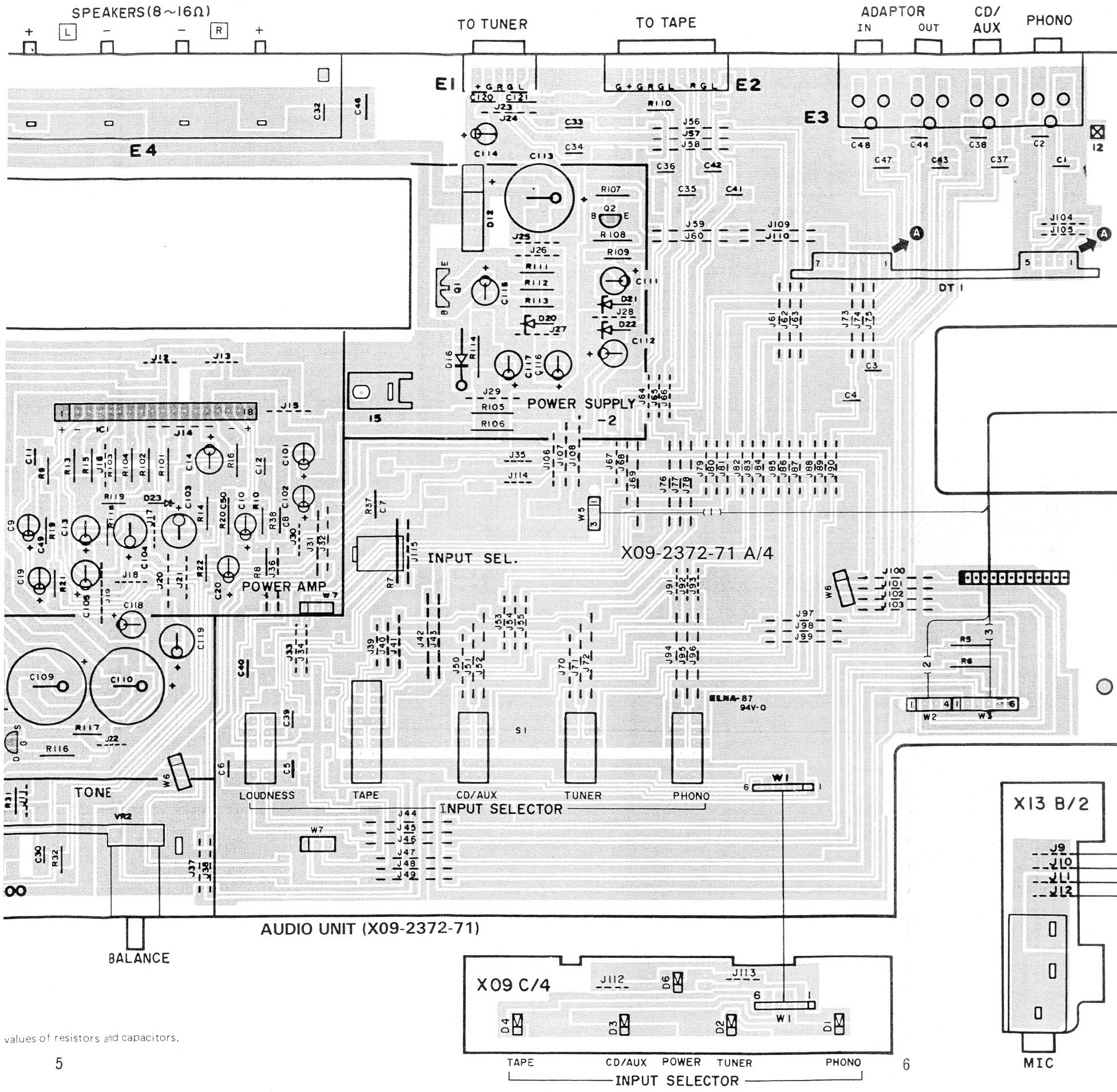
Mic amp unit (X13-5570-10)

Component	Application/function	Operation/condition/compatibility
IC1	MIC amplifier	For Microphone.

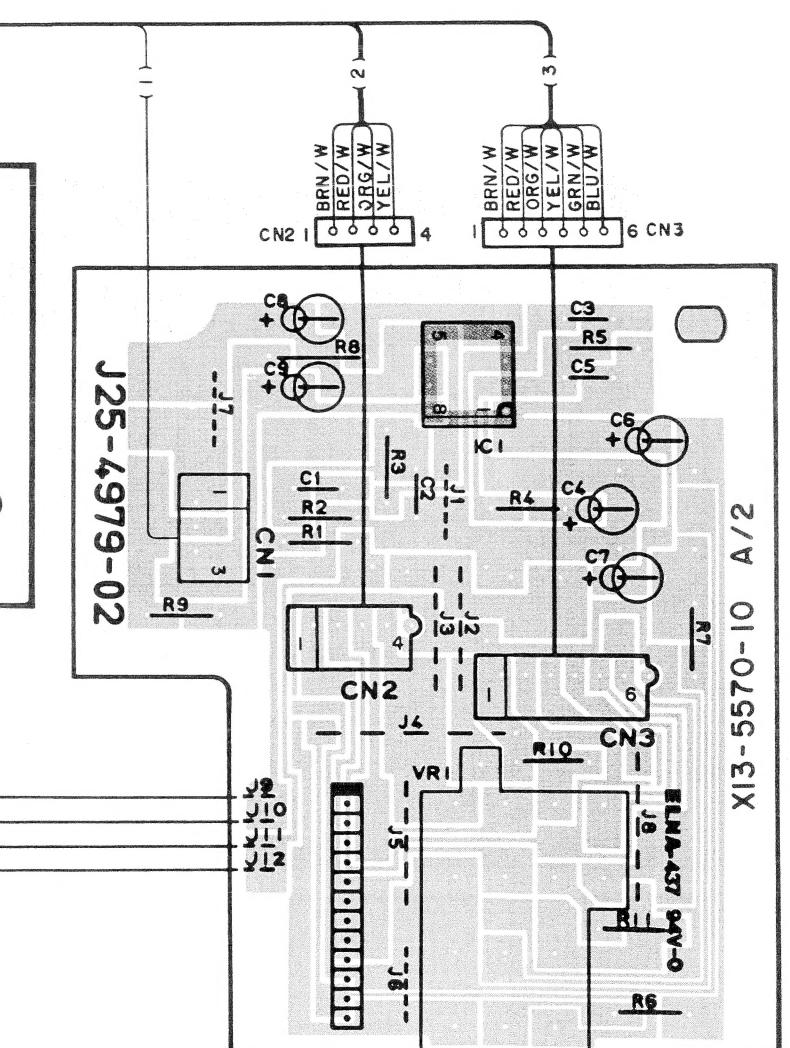
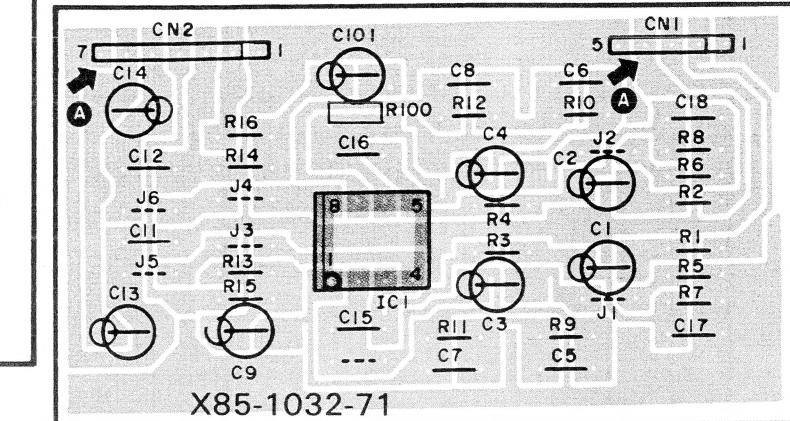
P.C. BOARD (Component side view)

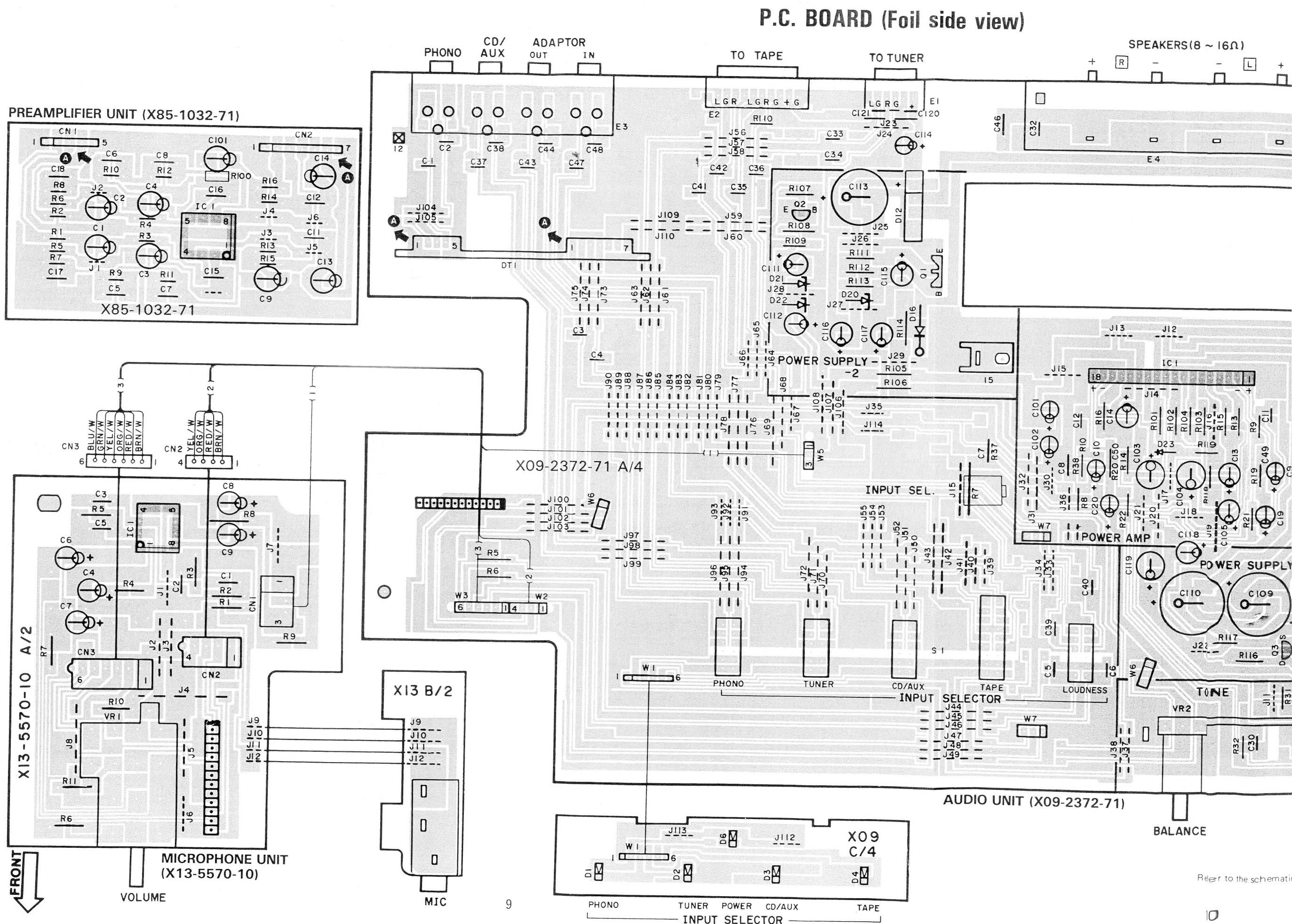


P.C. BOARD (Component side view)



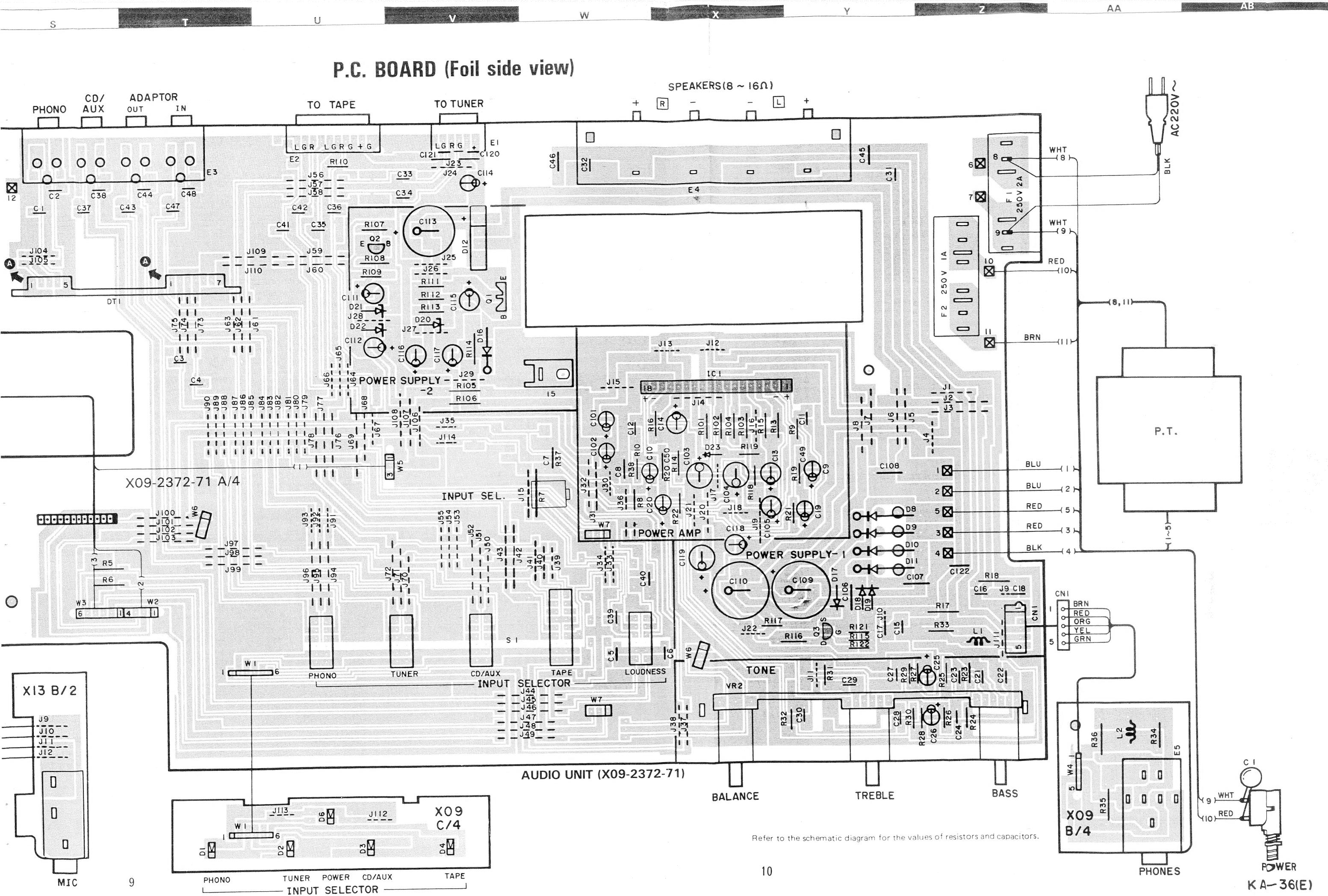
PREAMPLIFIER UNIT (X85-1032-71)

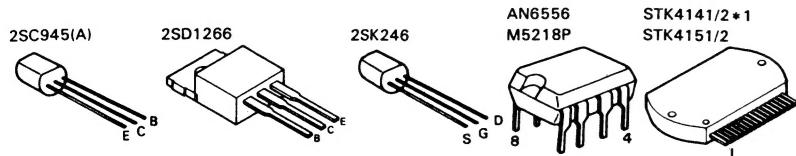
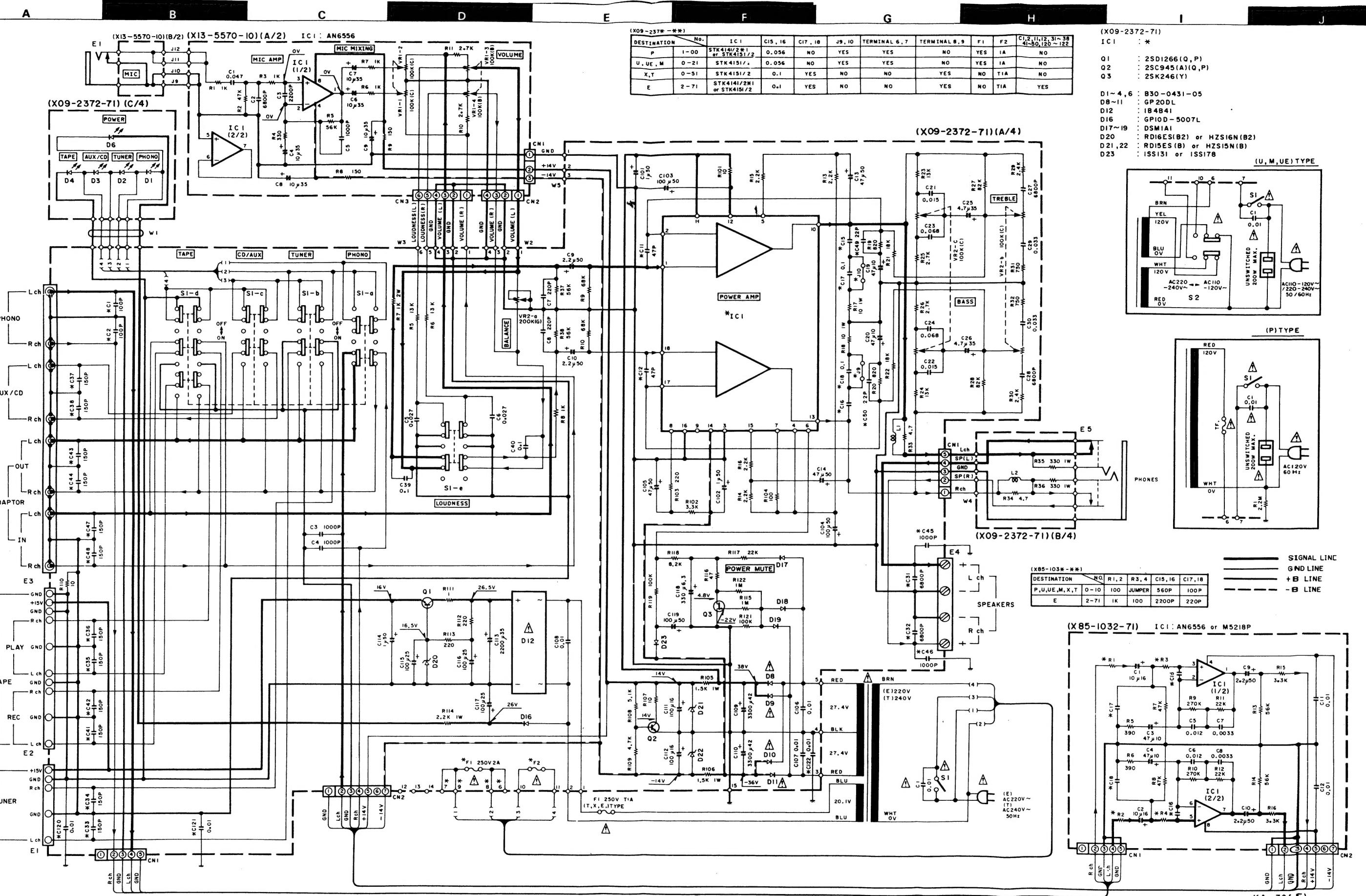




Refer to the schematic

P.C. BOARD (Foil side view)





Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

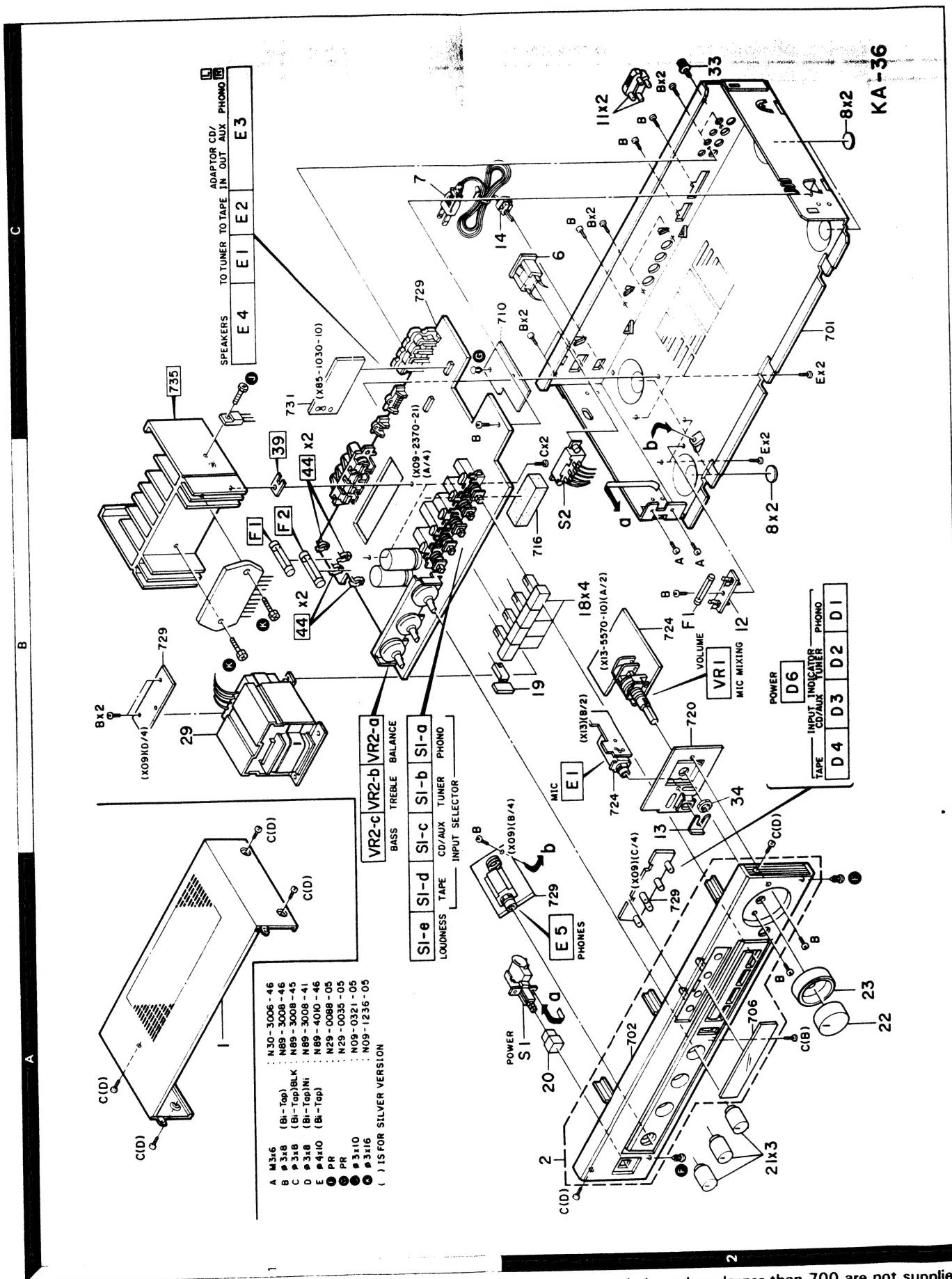
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

KA-36 (E)

KA-36
KENWOOD

KA-36 KA-36

EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

* New Parts

Parts without Parts No. are not supplied

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description	Desti- nation	Re- marks
	位 置	新	部品番号	部品名 / 規格	仕 向	備考
KA-36						
1	1A		A01-1394-01	METALLIC CABINET	M	
1	1A	*	A01-1555-01	METALLIC CABINET	PUUEMX	S
1	1A	*	A01-1555-01	METALLIC CABINET	TE	
2	2A	*	A20-5112-02	PANEL ASSY	PUUEMX	
2	2A	*	A20-5112-02	PANEL ASSY	TE	
2	2A	*	A20-5200-02	PANEL ASSY	M	S
-			B46-0094-03	WARRANTY CARD	UUE	
-			B46-0095-03	WARRANTY CARD	UUE	
-			B46-0096-13	WARRANTY CARD	X	
-			B46-0121-03	WARRANTY CARD	P	
-			B46-0122-13	WARRANTY CARD	E	
-			B46-0143-03	WARRANTY CARD	T	
-		*	B50-6665-00	INSTRUCTION MANUAL(ENGLISH)	PMXEM	
-		*	B50-6666-00	INSTRUCTION MANUAL(FRENCH)	M	
-		*	B50-6667-00	INSTRUCTION MANUAL(SPANISH)	M	
-		*	B50-6668-00	INSTRUCTION MANUAL(ARABIC)		
-		*	B50-6670-00	INSTRUCTION MANUAL(G,D,I,S)	E	
-			B58-0223-04	CAUTION CARD (PRE-SET 120V)	U	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	UE	
-			B59-0092-00	SERVICE DIRECTORY	UUE	
△	C1		C91-0023-05	CERAMIC 0.01UF	AC250V	UUEM
△	C1		C91-0647-05	CERAMIC 0.01UF	P	PXTE
△	6	2C	E03-0036-05	AC OUTLET	UUEM	
△	6	2C	E03-0041-05	AC OUTLET	P	
△	7	1C	E30-0459-05	AC POWER CORD	E	
△	7	1C	E30-0812-05	AC POWER CORD	UUEM	
△	7	1C	E30-0974-05	AC POWER CORD	P	
△	7	1C	E30-1341-05	AC POWER CORD	X	
△	7	1C	E30-1416-05	AC POWER CORD	T	
△	F1		F06-1022-05	FUSE (SEMKO) (250V T1A)	XE	
8	2B, 2C	*	G10-0086-04	NON-WOVEN FABRIC(FOOT)		
-		*	H01-7486-04	ITEM CARTON CASE	PUUEMX	
-		*	H01-7486-04	ITEM CARTON CASE	TE	
-		*	H01-7488-04	ITEM CARTON CASE	M	
-			H10-3315-02	POLYSTYRENE FOAMED FIXTURE		
-			H10-3316-02	POLYSTYRENE FOAMED FIXTURE		
-			H12-1136-04	CARTON BOARD		
-			H25-0223-04	PROTECTION BAG (750X350X0.03)		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
△	11	2C	J12-0094-05			
△	12	2B	J13-0053-05	PIN		
△	13	2B	J21-3326-05	FUSE HOLDER	XE	
△	14	2C	J42-0083-05	JACK MOUNTING HARDWARE		
18	2B		K27-1421-04	POWER CORD BUSHING		
19	2B		K27-1422-04			
20	2A		K29-1446-04	KNOB (BUTTON) INPUT SELECTOR		
20	2A		K29-2001-04	KNOB (BUTTON) LOUDNESS	PUUEMX	
20	2A		K29-2001-04	KNOB ASSY(BUTTON)POWER	TE	
21	2A		K29-2026-04	KNOB ASSY(BUTTON)POWER	PUUEMX	
21	2A		K29-2026-04	KNOB ASSY(BUTTON)POWER		
21	2A		K29-2026-04	KNOB (BASS, TREBLE, BALANCE)	PUUEMX	

E: Scandinavia & Europe K: USA P: Canada

U: PX(Far East, Hawaii) T: England M: Other Areas

UE : AAFFES(Europe) X : Australia

—

S : Silver version only.

 indicates safety critical components.